



EPBC 2016/7837

Annual Compliance Report

*Taxiway Zulu and northern compound project,
Melbourne Airport, Victoria*

Prepared by:

Australia Pacific Airports (Melbourne) Pty Ltd

Reporting period:

2 July 2019 to 1 July 2020

DECLARATION OF ACCURACY

In making this declaration, I am aware that sections 490 and 491 of the *Environment Protection and Biodiversity Conservation Act 1999* (Cth) (EPBC Act) make it an offence in certain circumstances to knowingly provide false or misleading information or documents. The offence is punishable on conviction by imprisonment or a fine, or both. I declare that all the information and documentation supporting this compliance report is true and correct in every particular. I am authorised to bind the approval holder to this declaration and that I have no knowledge of that authorisation being revoked at the time of making this declaration.

Signed	
Full name	Nick Walker
Position	Environment and Sustainability Manager
Organisation	Australia Pacific Airports (Melbourne) Pty Limited ABN 076 999 114
Date	01/10/2020

DOCUMENT VERSION CONTROL

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1 INTRODUCTION

1.1 Approval under the *Environment Protection and Biodiversity Conservation Act 1999*

The Department of Environment and Energy issued approval for the Taxiway Zulu and northern compound project at Melbourne Airport on 9 January 2018. Summary details of the approved action are included in Table 1 below.

Table 1: Details of approved action

Project name	Taxiway Zulu and northern compound project
Person to whom the permit is granted	Australia Pacific Airports (Melbourne) Pty Limited
Approved action	To expand airside infrastructure including taxiways, taxi lanes and aprons, and to construct a northern construction site compound and associated infrastructure at Melbourne Airport, approximately 20 km north-west of Melbourne, Victoria.
EPBC Approval Number	2016/7837
Date of approval	9 January 2018

1.2 Reporting period

This annual compliance report outlines the state of compliance with each approval condition over the period 2 July 2019 – 1 July 2020.

1.3 New Environmental Risks

No new environmental risks were identified during the reporting period.

2 COMPLIANCE WITH APPROVAL

Statements regarding compliance with each EPBC Approval condition are detailed in Table 2.

Table 2: Compliance with EPBC Approval

Condition No.	Condition	Is the project compliant with this condition?	Evidence / Comments
1	The approval holder must not clear more than 18.913 ha of natural temperate grassland of the Victorian volcanic plain ecological community from the site.	Compliant	<p>The project has been partially completed in the reporting period, and some areas of NTGVVP planned for removal have not yet been impacted. Refer to Section 3.1 for a plan showing the status of work zones.</p> <p>Interim calculations indicate that the following areas of NTGVVP have been removed to date:</p> <ul style="list-style-type: none"> • NAR – 9.788 ha • Taxiway Zulu – 8.094 ha <p>A small amount of NTGVVP was removed at the Temporary PFAS Soil Storage Facility (0.0761 ha) due to the need to construct a perimeter access road around the facility.</p> <p>Therefore, the total amount of NTGVVP removed to date is ~ 17.958 ha.</p>
2	<p>To compensate for the loss of natural temperate grassland of the Victorian volcanic plain ecological community, prior to the commencement of the action, the approval holder must:</p> <ol style="list-style-type: none"> enter into an agreement with the landowner to secure the offset containing at least 77.9 ha of natural temperate grassland of the Victorian volcanic plain ecological community; provide the Department with a copy of the signed agreement within 4 weeks of the agreement being signed; and provide the Department with evidence that the offset has been secured and the offset attributes, shapefile and map(s) clearly defining the location and boundaries of each offset, within 4 weeks of the offset being secured. 	Compliant	<p>A copy of the signed agreement and shapefiles and maps clearly defining the location and boundaries of each offset were provided to the Department on 5 September 2018. Acknowledgement of receipt was received from the Department on 7 September 2018.</p>

Condition No.	Condition	Is the project compliant with this condition?	Evidence / Comments
3	The approval holder must ensure the Offset Management Plan is implemented.	Compliant	<p>As per the Offset Management Plan, the offset site Land Owner and a Qualified Ecologist produced the following reports which outline compliance with the plan at the offset site. APAM received and reviewed these reports to confirm the requirements of the Offset Management Plan are being met.</p> <ul style="list-style-type: none"> • Year 0 (2018) Baseline Monitoring Report • Year 1 (2019) Monitoring Report • Year 1 (2019) Annual Report <p><i>Note:</i> For the purposes of the Offset Management Plan, Year 0 has been defined as 6 June 2018 – Dec 2018, and Year 1 is Dec 2018 – Dec 2019. Implementation began in June 2018 however the Offset Management Plan requires annual reporting based on calendar year.</p>
4	<p>To mitigate impacts on the growling grass frog the approval holder must submit a Construction Environment Management Plan (CEMP) for the Minister's approval prior to the commencement of the action. The approved plan must be implemented. The CEMP must include but not be limited to:</p> <ol style="list-style-type: none"> a. Runoff controls to ensure that the quality of the adjacent waterways is maintained or improved. b. Best practice sediment control to be implemented during construction. c. Detailed measures to avoid spills of fuels and management of accidental spills to avoid the introduction of pollutants and biocides during construction. d. Cleaning construction vehicles prior to entering the site to avoid the introduction and spread of weeds and pathogens. Cleaning of trucks leaving the site to prevent impacts from construction sediments to nearby growling grass frog populations. e. Routine management procedures to prevent local air and water quality impacts, such as daily inspections, dust suppression and storage and handling of chemicals. f. Monitoring and relevant remediation measures in the event of adverse monitoring results. 	Compliant	<p>The CEMP was approved by the Department on 19 June 2019.</p> <p>The CEMP has been implemented since the commencement of the action.</p> <p>Section 3.1 provides further details of auditing and verification of implementation of the CEMP during the reporting period.</p>

Condition No.	Condition	Is the project compliant with this condition?	Evidence / Comments
5	<p>The approval holder must submit a PFAS Management Plan for the Minister's approval prior to the commencement of the action. The PFAS Management Plan must be prepared by a suitably qualified expert. Commencement of the action may not occur until the PFAS Management Plan has been approved by the Minister in writing. The approved plan must be implemented. The PFAS Management Plan must include but not be limited to:</p> <ol style="list-style-type: none"> a. Identification of the extent and concentrations of possible contamination within the project footprint. b. Identification of possible exposure pathways and ecological receptors including from stored material. c. Relevant baseline data for the identified possible exposure pathways and ecological receptors. d. Possible risks tailored to the identified concentrations, pathways and receptors. e. The outline of management strategies, as well as any remediation action plans or strategies, to manage any identified or potential risks. 	Compliant	<p>The PFAS Management Plan was approved by the Department on 2 April 2019.</p> <p>The PFAS Management Plan has been implemented since the commencement of the action.</p> <p>Section 3.2 provides further details of auditing and verification of implementation of the PFAS Management Plan during the reporting period.</p>
6	<p>The PFAS Management Plan, along with the sections of the Construction Environment Management Plan (CEMP) and Operational Environment Management Plan (OEMP) for the proposed action relating to contamination and soils, must be prepared by a suitably qualified expert and must, in relation to management of PFAS:</p> <ol style="list-style-type: none"> a. be consistent with: <ol style="list-style-type: none"> i. The National Environment Protection Council's <i>National Environment Protection (Assessment of Site Contamination) Measure 1999</i> (as amended 2013), and ii. The Department of the Environment and Energy's <i>National Water Quality Management Strategy, including the Australian and New Zealand Guidelines for Fresh and Marine Water Quality (2000)</i>, noting that the draft default guideline values for PFOS and PFOA in freshwater, as applied by the Victorian state government, are to be used until the default guideline values are finalised, and b. detail implementation and operational procedures that are appropriate to the risk posed by any contamination, noting the persistence, mobility and/or bioaccumulation potential of PFOS, PFHxS and PFOA, including: 	Compliant	As per Conditions 4 and 5, above.

Condition No.	Condition	Is the project compliant with this condition?	Evidence / Comments
	<ul style="list-style-type: none"> i. roles and responsibilities; and ii. management of PFAS contamination within the project area, including strategies to reduce runoff and migration of contamination across and off the proposed site; and iii. a contingency action plan for unexpected PFAS contaminant discoveries, including coordination, communication and engagement requirements, and <p>c. detail soil and water monitoring requirements and testing and disposal procedures within the project area that are appropriate to the risk posed by any contamination, including references to relevant provisions of airport environmental management plan/s including on-site and, where relevant, off-site, PFAS contamination monitoring arrangements, and</p> <p>d. detail review procedures that are appropriate to the risk posed by any PFAS contamination, and</p> <p>e. impose the following performance measures for managing earthworks and storage of spoil to minimise the release of PFAS, due to disturbance of PFAS contaminated soils or sediments within the project area:</p> <ul style="list-style-type: none"> i. contaminated waste material (including excavated soil or sediment, and any leachate from soil or sediment, or water arising from de-watering of sediment or soil) to be handled appropriately to the risk posed by the contamination and disposed of in an environmentally sound manner such that potential for the PFAS content to enter the environment is minimised; and ii. contaminated waste material, including excavated soil or sediment, with a PFOS + PFHxS or PFOA content above 50 milligrams per kilogram (mg / kg) to be stored or disposed of in an environmentally sound manner, to achieve nil environmental release of PFOS, PFHxS and PFOA content. The PFAS Management Plan will need to detail how materials at these concentrations, if encountered, would be handled to achieve nil environmental release; and iii. all soil remaining at the site of the action to be suitable for purpose. 		
7	<p>Within 7 days after the commencement of the action, the approval holder must advise the Department in writing of the actual date of commencement.</p>	Compliant	<p>The action commenced on 2 July 2019, and written notification was provided to the Department on 8 July 2019.</p>

Condition No.	Condition	Is the project compliant with this condition?	Evidence / Comments
8	The approval holder must maintain accurate records substantiating all activities associated with or relevant to the conditions of approval, including measures taken to implement the PFAS Management Plan and Offset Management Plan required by this approval, and make them available upon request to the Department. Such records may be subject to audit by the Department or an independent auditor in accordance with section 458 of the EPBC Act, or used to verify compliance with the conditions of approval. Summaries of audits will be posted on the Department's website. The results of audits may also be publicised through the general media.	Compliant	Noted. Documentation is available on request.
9	Within three months of every 12 month anniversary of the commencement of the action, the approval holder must publish a report on their website addressing compliance with each of the conditions of this approval, including implementation of any management plans as specified in the conditions. Documentary evidence providing proof of the date of publication and non-compliance with any of the conditions of this approval must be provided to the Department at the same time as the compliance report is published.	Compliant	This annual compliance report addresses this condition.
10	<p>The approval holder may choose to revise a management plan approved by the Minister under conditions 3, 4, 5 and 6 without submitting it for approval under section 143A of the EPBC Act, if the taking of the action in accordance with the revised plan would not be likely to have a new or increased impact. If the approval holder makes this choice they must:</p> <ol style="list-style-type: none"> notify the Department in writing that the approved plan has been revised and provide the Department with an electronic copy of the revised plan; implement the revised plan from the date that the plan is submitted to the Department; and for the life of this approval, maintain a record of the reasons the approval holder considers that taking the action in accordance with the revised plan would not be likely to have a new or increased impact. 	Compliant	APAM notified the Department of minor amendments to the Offset Management Plan on 3 April 2018. Acknowledgement of the revised Offset Management Plan was received from the Department on 6 April 2018.
11	The approval holder may revoke their choice under condition 10 at any time by notice to the Department. If the approval holder revokes the choice to implement a revised plan, without approval under section 143A of the Act, the plan approved by the Minister must be implemented.	Not applicable	

Condition No.	Condition	Is the project compliant with this condition?	Evidence / Comments
12	Condition 10 does not apply if the revisions to the approved plan include changes to environmental offsets provided under the plan in relation to a matter protected by a controlling provision for the action, unless otherwise agreed in writing by the Minister. This does not otherwise limit the circumstances in which the taking of the action in accordance with a revised plan would, or would not, be likely to have new or increased impacts.	Not applicable	
13	<p>If the Minister gives a notice to the approval holder that the Minister is satisfied that the taking of the action in accordance with the revised plan would be likely to have a new or increased impact, then:</p> <ul style="list-style-type: none"> a. Condition 9 does not apply, or ceases to apply, in relation to the revised plan; and b. The approval holder must implement the plan approved by the Minister. <p>To avoid any doubt, this condition does not affect any operation of conditions 10, 11 and 12 in the period before the day the notice is given.</p> <p>At the time of giving the notice the Minister may also notify that for a specified period of time that condition 10 does not apply for one or more specified plans required under the approval.</p>	Not applicable	
14	Conditions 10, 11, 12 and 13 are not intended to limit the operation of section 143A of the EPBC Act which allows the approval holder to submit a revised plan to the Minister for approval.	Not applicable	
15	If, at any time after 5 years from the date of this approval, the approval holder has not commenced the action, then the approval holder must not commence the action without the written agreement of the Minister.	Not applicable	
16	Unless otherwise agreed to in writing by the Minister, the approval holder must publish all plans referred to in these conditions of approval on their website. Each plan must be published on the website within 1 month of being approved by the Minister or being submitted under condition 10.a.	Compliant	Following approval of the plans referred to in the conditions of approval, all plans were published on the Melbourne Airport community engagement website (https://my.melbourneairport.com/taxiway-zulu).

3 SUPPORTING INFORMATION

3.1 Condition 1 – Progress of project in the reporting period

Figure 1 shows the current status of work zones within the project. The northern access route (NAR) has been completed. Some works in Zones SP2.3 and SP4.3 have commenced, but the remainder of works in these areas have been placed on hold.

Figure 1 Status of work zones



3.2 Conditions 4 and 5 – Implementation of the CEMP and PFAS Management Plan

Since commencement of the action, APAM has implemented an audit and inspection schedule to verify implementation of the approved CEMP and PFAS Management Plan. A summary of the audit and inspection activities conducted within the reporting period is provided in Table 3.

It should be noted that the audit and inspection schedule carried out by APAM exceeds the requirements of the approved CEMP.

Table 3: Summary of audits and inspections conducted during the reporting period

Scope	General frequency	Total audits / inspections completed
Inspection of the northern compound active construction area to verify compliance with the CEMP	Once every 2 weeks	24 inspections
Inspection of the Taxiway Zulu active construction area to verify compliance with the CEMP	Once every 2 weeks	25 inspections
Inspection of the Temporary PFAS Soil Storage Facility to verify compliance with the PFAS Management Plan	Once every 2-4 weeks	16 inspections
Desktop-based audits to review documentation associated with implementation of the CEMP and PFAS Management Plan	Once every 4 weeks	7 audits*
Total		72 audits / inspections

Note *: Desktop-based audits placed on hold between March and July 2020 due to COVID-19 impacts on resourcing, with higher risk activities (i.e. site inspections) being prioritised.

Through implementation of the audit and inspection schedule, a number of corrective actions were identified and closed out. Positive observations were also recorded. A summary of key corrective actions for the reporting period is provided in Table 4 below.

Table 4: Summary of key corrective actions for the reporting period

Project area	Issue identified	Resolution
Northern compound / Taxiway Zulu	Instances where stormwater drains required installation or reinstatement of sufficient erosion and sediment controls	Erosion and sediment controls installed as per the CEMP
Northern compound / Taxiway Zulu	Instances of minor fuel or oil spills to ground	Spill contained and cleaned up as per CEMP procedures. Incident report completed.
Northern compound / Taxiway Zulu	Instances of excess concrete waste disposed to ground	Concrete waste cleaned up and disposed of as per CEMP procedures.
Northern compound / Taxiway Zulu	Fuel / chemical containers not within appropriate bunded areas	All fuel / chemical containers relocated to designated bunded areas
Northern compound / Taxiway Zulu	Exposed areas not stabilised within suitable timeframes per CEMP requirements	Stabilisation implemented per CEMP requirements, or alternative suitable methods / erosion and sediment controls identified

Project area	Issue identified	Resolution
Northern compound / Taxiway Zulu	Waste placed in incorrect bins	Waste recovered, placed in correct bins and disposed of as per CEMP requirements
Northern compound	Sediment laden water leaving site after failure of erosion and sediment controls	Issue occurred due to unexpectedly high rainfall event which caused a rock filter dam to fail. Sediment and rock was removed from the drainage line, and a new rock filter dam installed and strengthened.
Temporary PFAS Soil Storage Facility	Erosion of clay liner within perimeter swales and stormwater retention pond	Regular monitoring of the condition of swales and retention pond. Rectification works still to be completed.
Temporary PFAS Soil Storage Facility	Sections of temporary cover on Category 2 stockpiles being displaced	Temporary cover reinstated. Requires ongoing monitoring and management.
Temporary PFAS Soil Storage Facility	Stabilisation of Category 1 stockpiles required as per the PFAS Management Plan	Further shaping and finalisation of Category 1 stockpiles taking place. Regular observations indicate that erosion of the stockpiles is not occurring in the meantime.

Key positive observations recorded for the reporting period include:

- Thorough induction and training processes, including regular Toolbox meetings and refresher training addressing environmental requirements
- General housekeeping throughout the site
- Effective procedures for establishing and maintaining No Go Zone fencing to protect native grasses adjacent to the project area
- Best practice wheel washing procedures
- Thorough waste tracking procedures